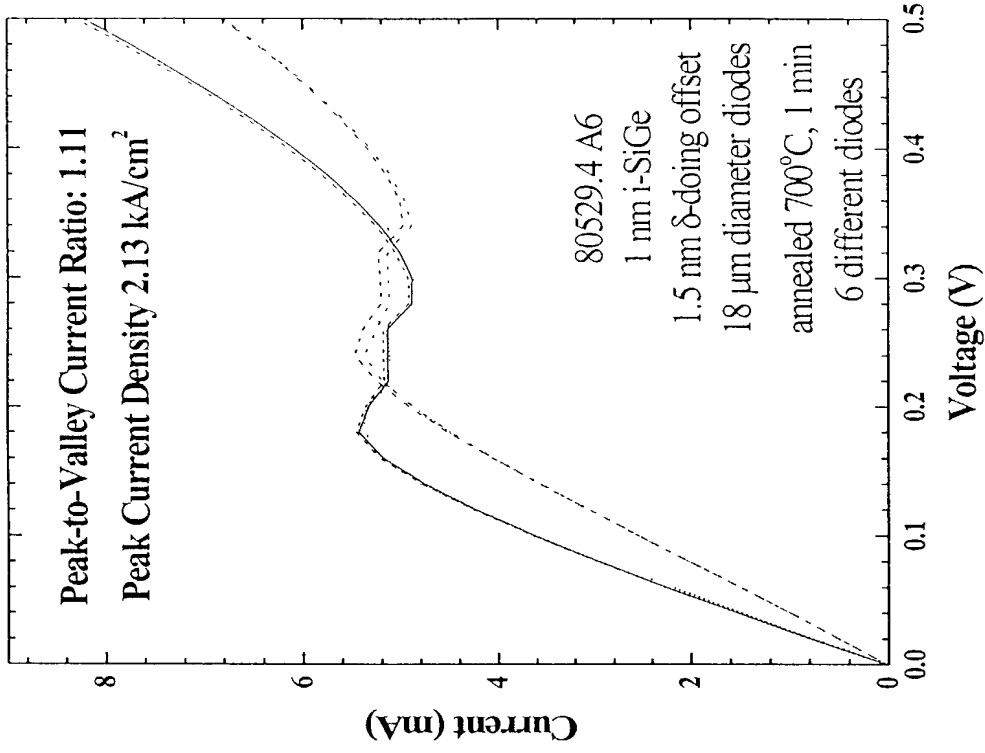


100 nm n+ Si
Sb $\delta$ -doping plane
1.5 nm undoped Si
1 nm undoped Si <sub>0.5</sub> Ge <sub>0.5</sub>
1.5 nm undoped Si
B $\delta$ -doping plane
100 nm p+Si
p+ Si substrate

TD4

(a)



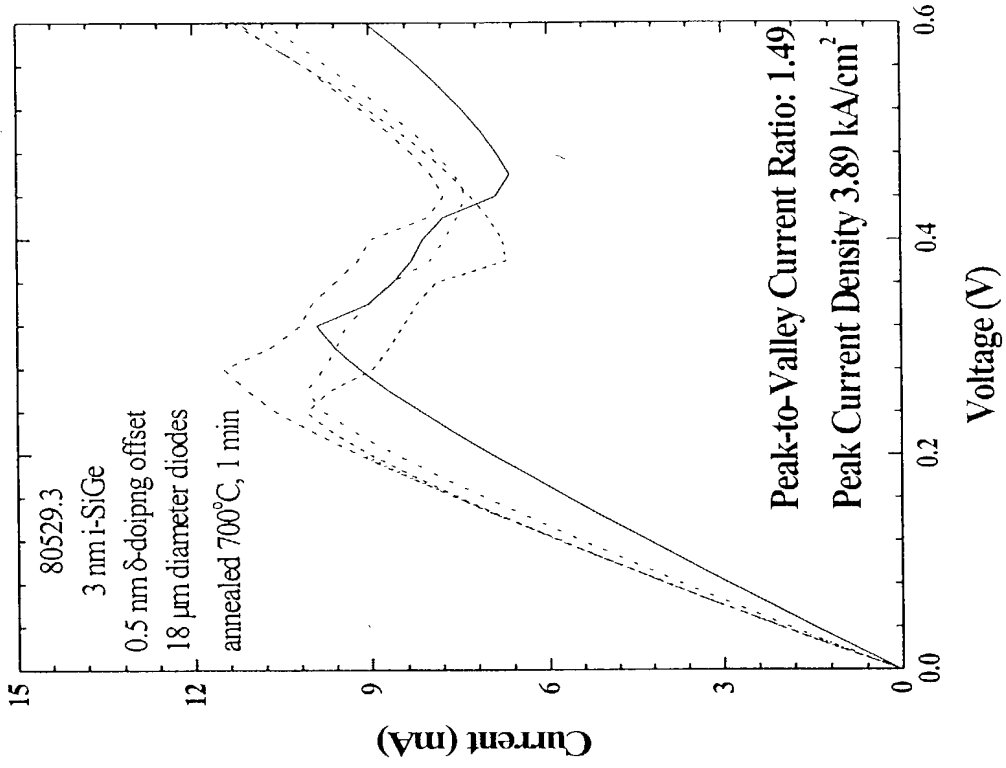
(b)

Figure 10

100 nm n+ Si
Sb $\delta$ -doping plane
0.5 nm undoped Si
3 nm undoped $\text{Si}_{0.5}\text{Ge}_{0.5}$
0.5 nm undoped Si
B $\delta$ -doping plane
100 nm p+Si
p+ Si substrate

TD5

(a)



(b)

Figure 11

80729.4 6 nm Series II Si RITD  
SIMS performed by D. Simmons, NIST

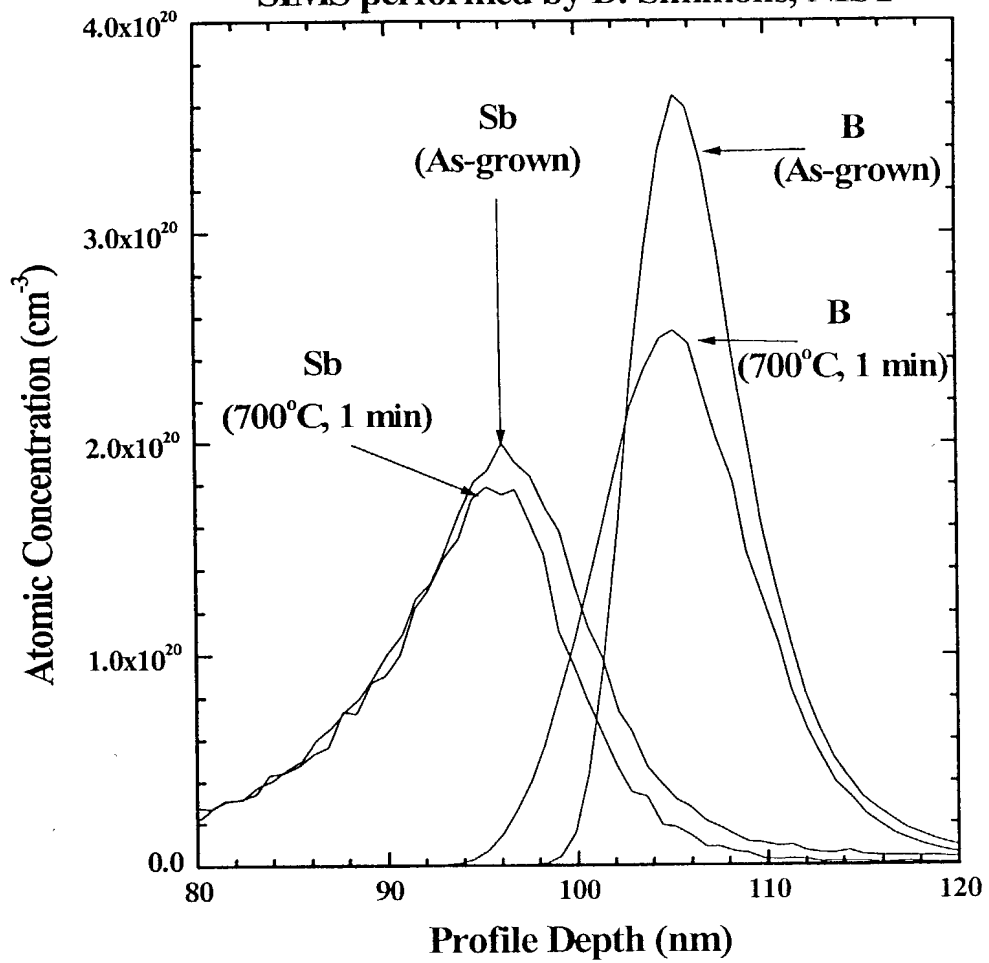
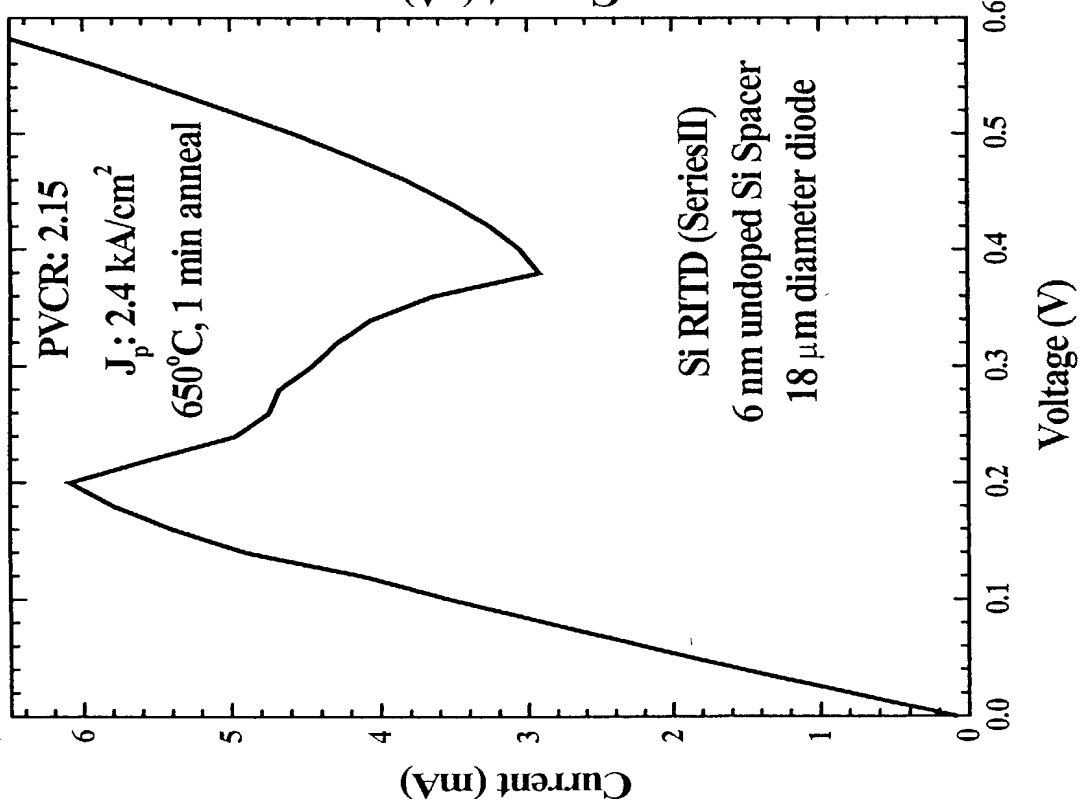
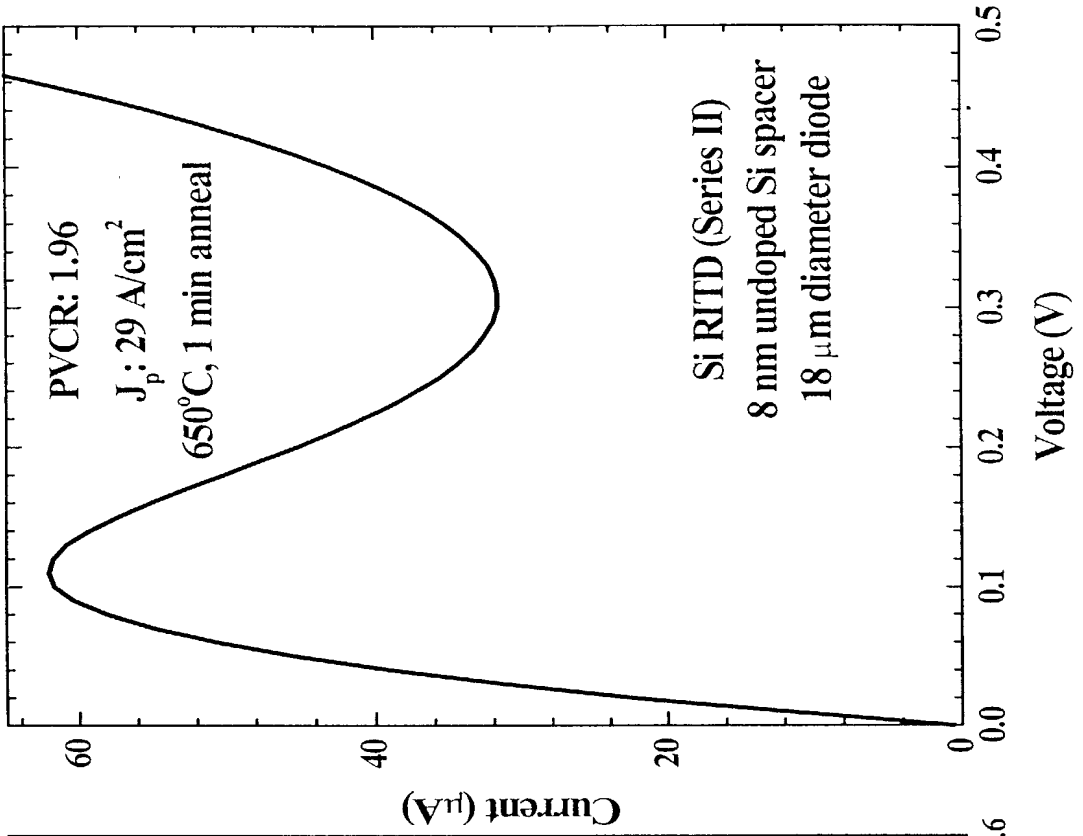


Figure 15

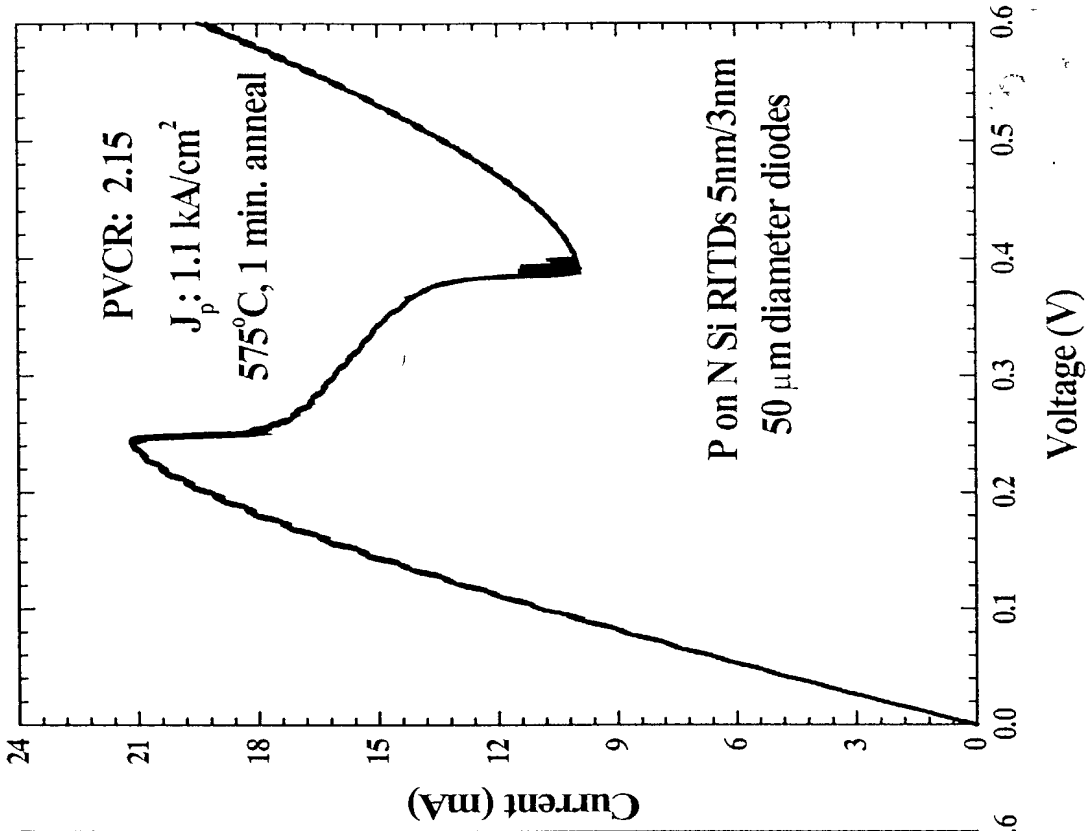


(a)

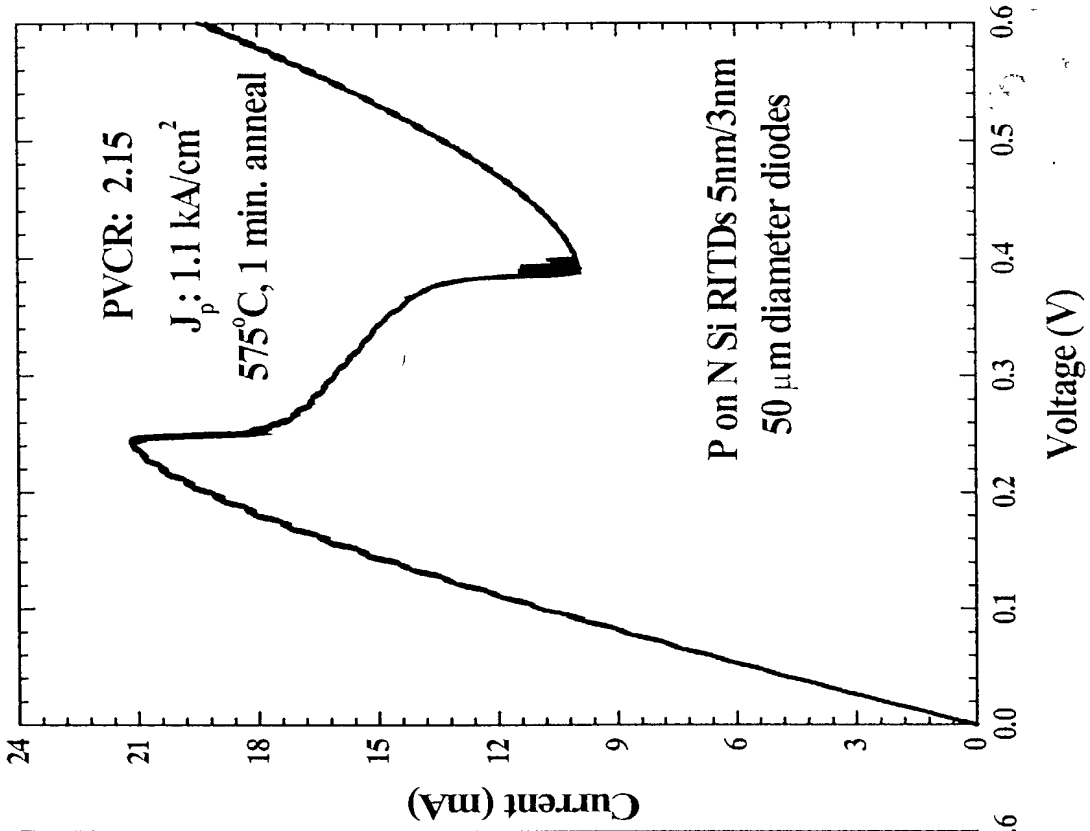


(b)

Figure 16



(a)



(b)

Figure 20